

# In-line valve manual actuators



*In-line valve manual actuators*

### Features and benefits

- Hygienic design with laser-etched serial numbers on the actuator body supports full product traceability and cGMP
- Lightweight stainless steel and plastic construction with 304 SS sleeve and nylon handle
- Manual control options to suit your process needs
- Visual indication of open/closed status
- 150 psig maximum sealing force



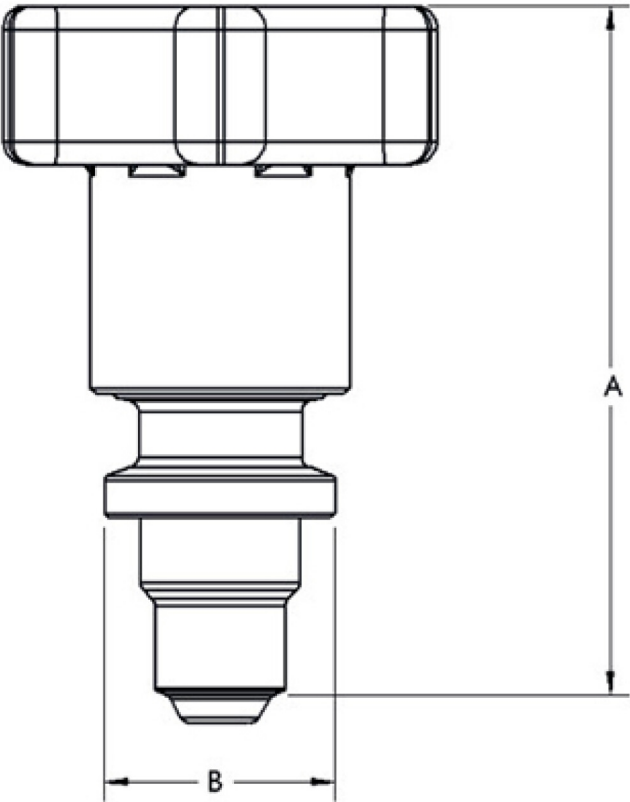
### Technical specifications

|                              | In-line valve manual actuators                              |
|------------------------------|-------------------------------------------------------------|
| Sizes                        | 0.5", 0.75", 1.0", 1.5"                                     |
| Max. operating pressure      | 150 psi (10 bar)                                            |
| Operating temperature        | Up to 275 °F (135 °C)                                       |
| Compatible valves            | Standard (180 degree) Weirless Radial diaphragm tank valves |
| Certification and compliance | ISO 9001                                                    |
| Standards                    | 3-A, ASME BPE, CE-PED                                       |

### Materials of construction

|                | In-line valve manual actuators |
|----------------|--------------------------------|
| Housing        | Nylon, Stainless steel 304     |
| Actuator shaft | Stainless steel 316            |
| O-ring         | EPDM                           |
| Seals          | EPDM                           |

In-line valve manual actuators dimensions



| Size (inch) | A mm (inch) | B mm (inch) | Max travel mm (inch) | Weight kg (lb) | Clearance required for removal mm (inch) |
|-------------|-------------|-------------|----------------------|----------------|------------------------------------------|
| 0.50        | 94.0 (3.7)  | 31.5 (1.2)  | 4.6 (0.18)           | 0.4 (0.8)      | 144.8 (5.7)                              |
| 0.75        | 91.4 (3.6)  | 50.8 (2.0)  | 5.6 (0.22)           | 0.6 (1.2)      | 142.2 (5.6)                              |
| 1.00        | 106.7 (4.2) | 63.5 (2.5)  | 7.6 (0.30)           | 0.9 (1.9)      | 182.9 (7.2)                              |
| 1.50        | 106.7 (4.2) | 91.4 (3.6)  | 10.2 (0.40)          | 1.5 (3.3)      | 195.6 (7.7)                              |

Product codes

| Product number | Product description                                     |
|----------------|---------------------------------------------------------|
| FM05-01        | 0.5" Weirless Radial in-line valve AKS manual actuator  |
| IM08-01        | 0.75" Weirless Radial in-line valve AKS manual actuator |
| IM10-01        | 1.0" Weirless Radial in-line valve AKS manual actuator  |
| IM15-01        | 1.5" Weirless Radial in-line valve AKS manual actuator  |

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